



Portland Freight Committee

Presenters:

Mike Pullen, Multnomah County

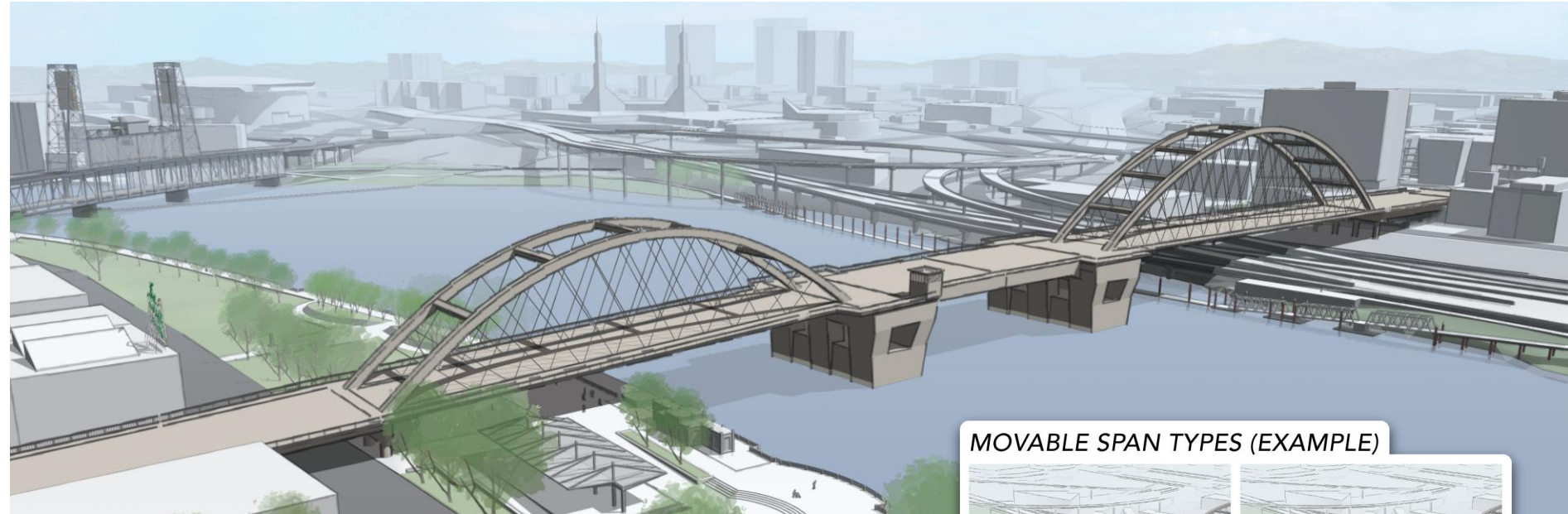
Steve Drahota, HDR

Department of Community Services
Transportation Division

February 4, 2021

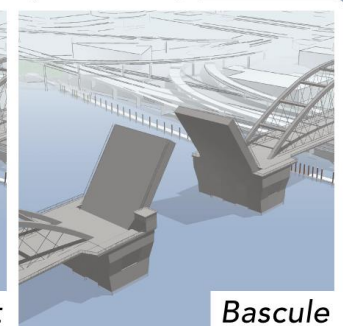
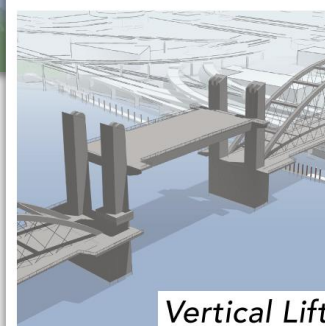
Recommended Preferred Alternative

Replacement Long Span



The example image above is just one variation of what a long span bridge could look like.

MOVABLE SPAN TYPES (EXAMPLE)



Recommended Preferred Alternative

Replacement Long Span - come in different types...

Tied Arch



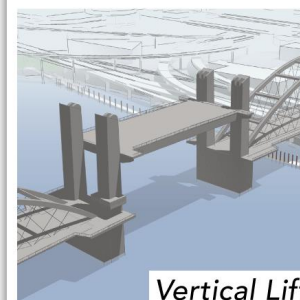
Cable Supported



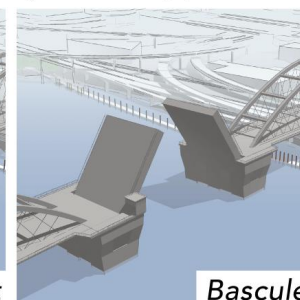
Truss



MOVABLE SPAN TYPES (EXAMPLE)



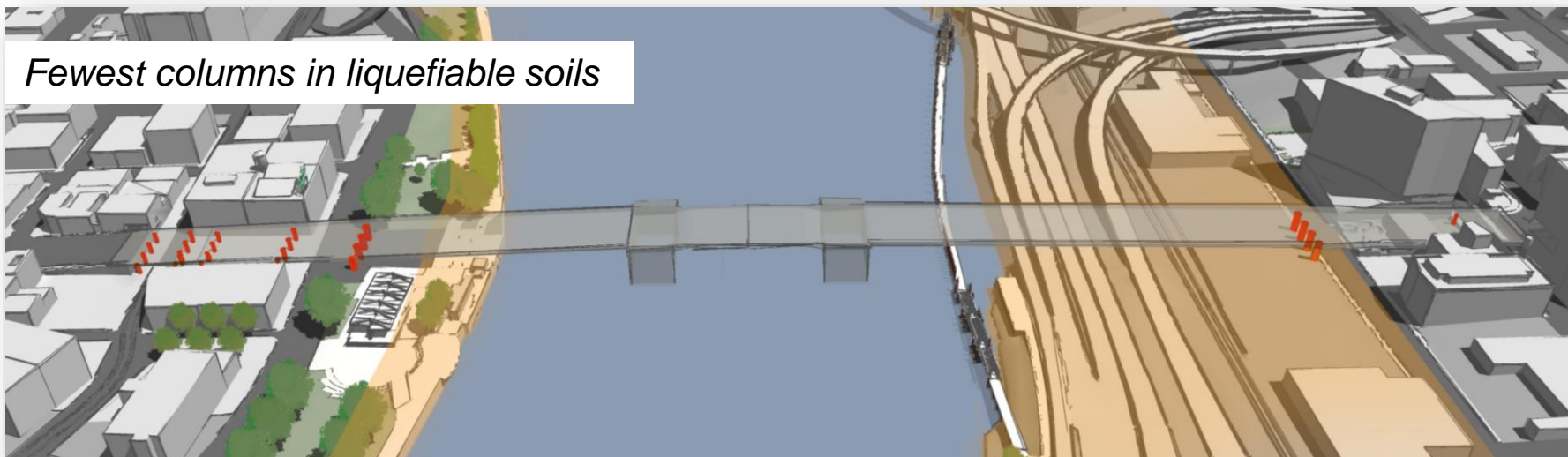
Vertical Lift



Bascule

Recommended Preferred Alternative

Replacement Long Span



BENEFITS

- Best for seismic resiliency
- Least cost alternative
- Enhances/preserves community resources
- Improves safety for bike/ped/ADA
- Least impacts to natural resources

IMPACTS

- Removes historic Burnside Bridge

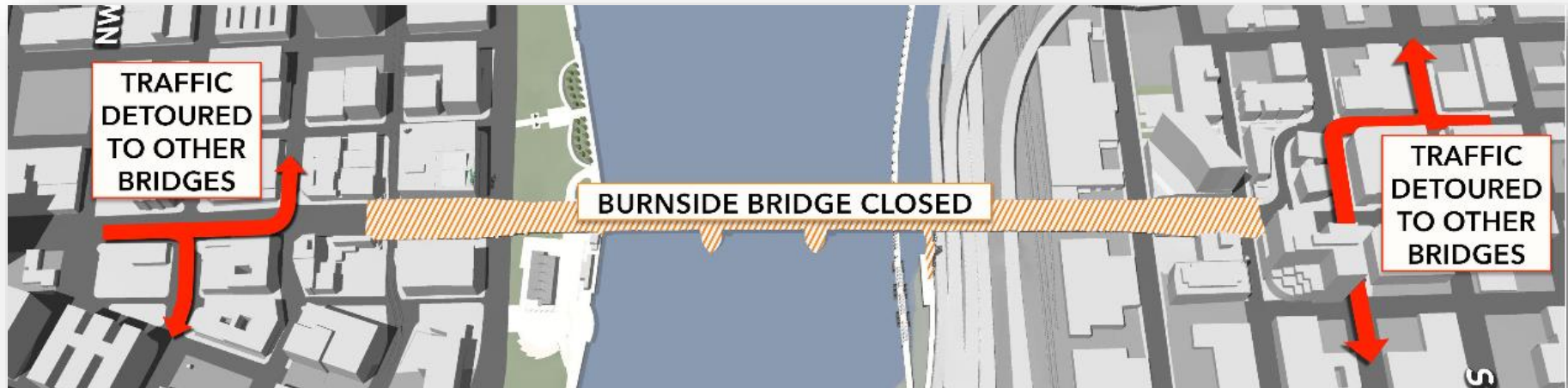
CONSIDERATIONS

- Views



Recommended Preferred Alternative

Traffic During Construction: Full Bridge Closure



- **Least cost** (building a temporary bridge would add \$90 million to the project cost)
- **Shortest construction duration** (temporary bridge would add 1.5 years to construction duration, extending duration of impacts to surrounding area including parks, residents, recreational activities and transportation)
- **Least impact to natural resources** (temporary bridge adds in-water construction)



Draft Environmental Impact Statement

Technical Reports

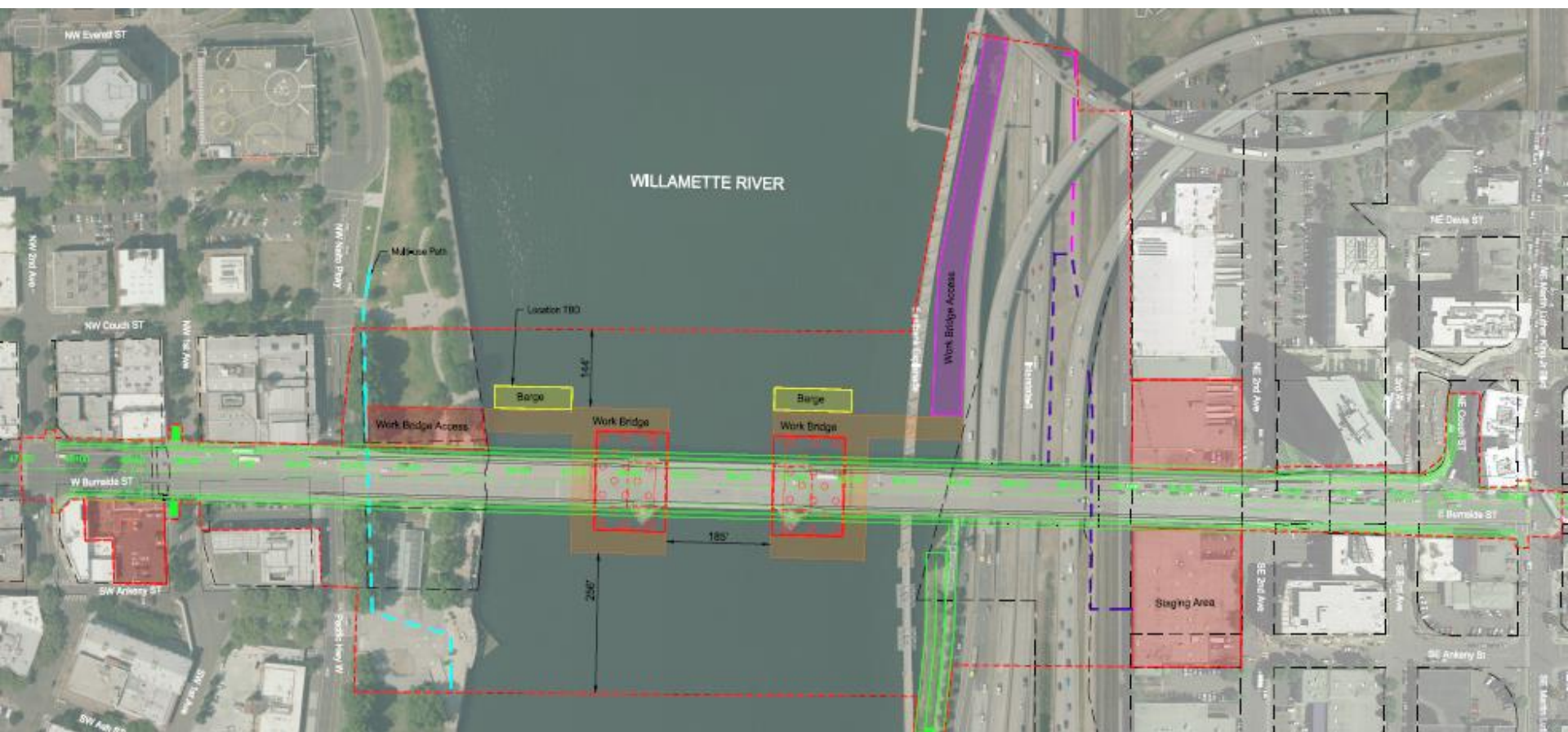
- Acquisitions and Relocations
- Air Quality
- Climate Change*
- Economics
- Environmental Justice
- Equity*
- Floodplain and River Hydraulics
- Geology
- Hazardous Materials
- Health Impact Assessment*
- Historic and Archaeological Resources
- Land Use
- Noise and Vibration

- Parks and Recreation
- Public Services
- Right of Way
- River Navigation
- Social and Neighborhood Resources
- Transportation
- Utilities
- Vegetation, Wildlife, and Aquatic Resources
- Visual and Aesthetic Resources
- Water Quality
- Wetlands and Waters
- Section 4(f) Evaluation



Draft Environmental Impact Statement

Impacts Analysis



Draft Environmental Impact Statement

Key Impacts of the Preferred Alternative: Replacement Long Span & Full Bridge Closure



Transportation

Temporary Closures due to Construction

Burnside Bridge:
Up to 4.5 years

Section of Eastbank Esplanade:
18 months to 4.5 years

Portion of Waterfront Park:
up to 4.5 years

Bike/ped/ADA: Bridge closure, detours, travel time delay (bike: ~5-12 min, ped: ~10-18 min), safety

Transit: Bus reroutes, temp MAX station closures, travel time delay (bus: ~5 min), ridership

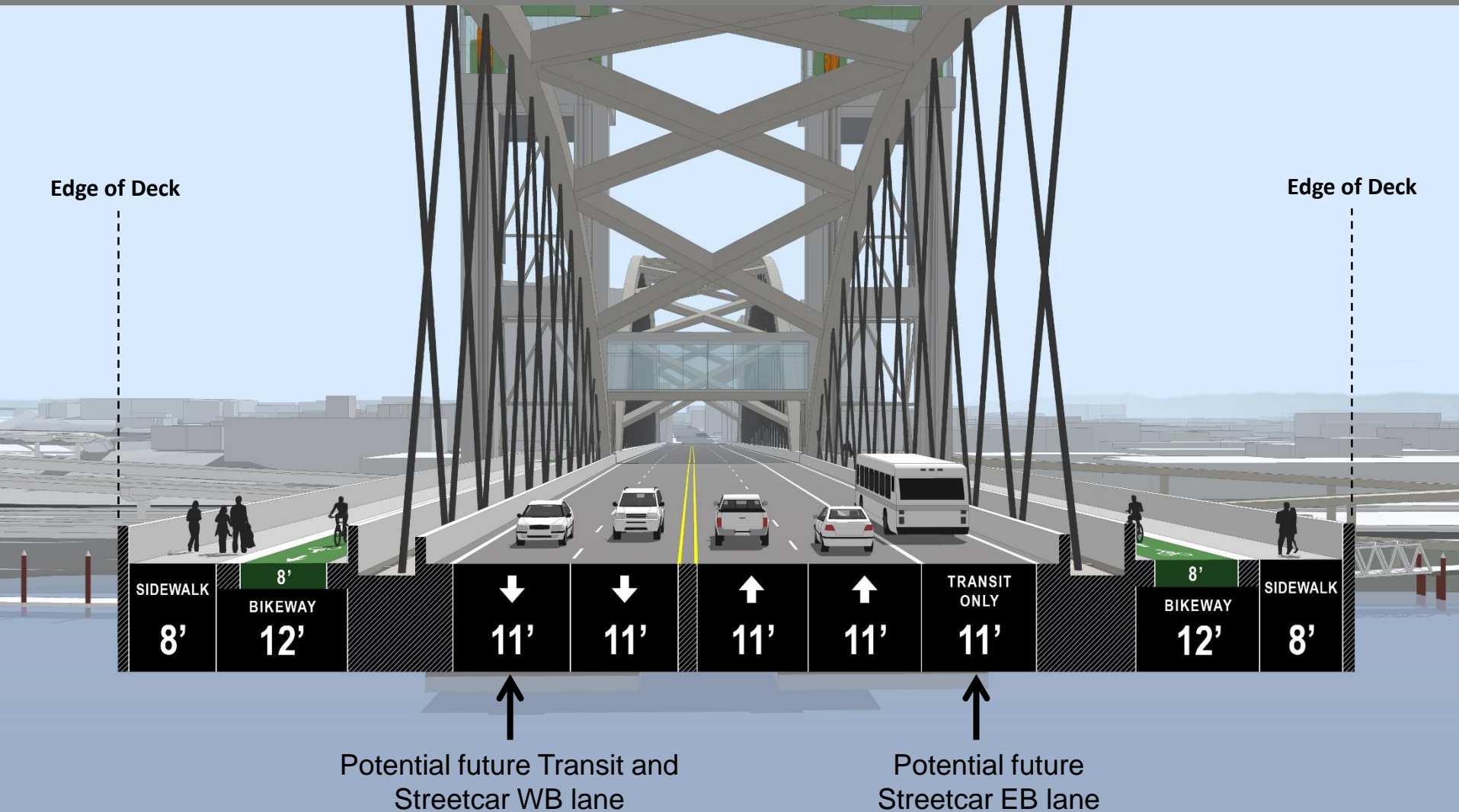
Freight and Traffic: Bridge closure, detours, travel time delay (~2-4 min) congestion

River Navigation: Occasional channel closures



Typical Section

Applicable for All Bridge Options



Outreach: Draft Environmental Impact Statement

Early February to late March 2021



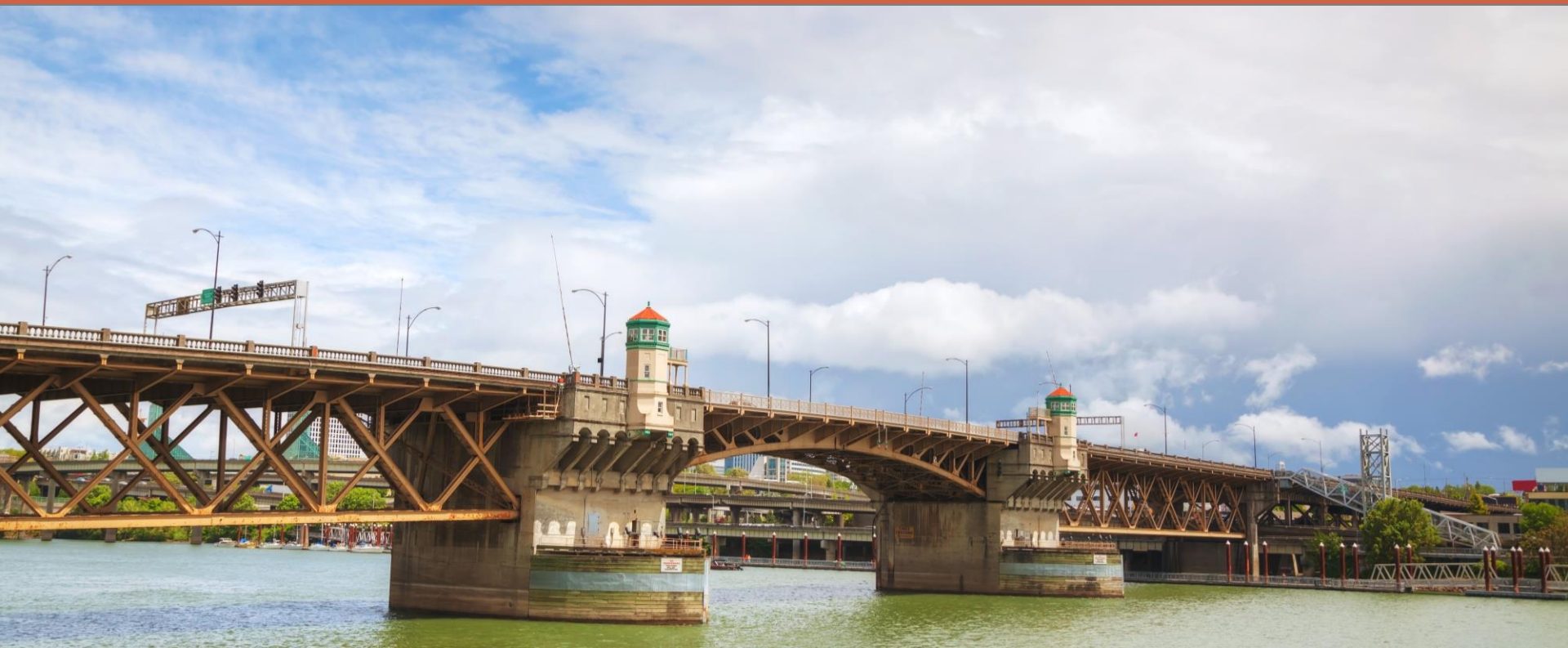
Objective: Share findings of the environmental analysis and allow for public review and comment on the DEIS. 45-day comment period.

Key Activities:

- Online open house
- Briefings
- In-person hearing by appointment
- Voicemail, emails, comment form, snail mail
- E-newsletters, news releases and social media



Questions



Learn more at **BurnsideBridge.org**

